

CLAIMS

1. A sanitary unit (1) for insertion into a discharge fitting, comprising a substantially cone-shaped upstream sieve (2), with a throughflow regulator (3) and a jet regulator (4) positioned downstream in a flow direction, wherein the throughflow regulator (3) is arranged generally inside an interior space (6) of the insert unit (1) limited at a top thereof by the upstream sieve (2).
2. An insert unit according to claim 1, wherein the throughflow regulator (3) is provided with a cross-sectional profile substantially form-fitting a cross-sectional profile of the upstream sieve (2).
3. An insert unit according to claim 1, wherein the throughflow regulator (3) is provided on an exterior, edge region with a radially inward rising sloping surface (9), which leads to a throughflow opening connected to a control gap (10) provided with the jet regulator (4) and the rising sloping surface (9) and the upstream sieve (2) are spaced apart from one another.
4. An insert unit according to claim 3, wherein the rising sloped surface (9) is provided at an upper side thereof with approximately radially aligned grooves (11) in order to form individual influx channels.
5. An insert unit according to claim 4, wherein bars (12) are located between the grooves (11) and end in close proximity or at an interior side of the upstream sieve (2) and serve as support elements for the upstream sieve (2).
6. An insert unit according to claim 5, wherein the bars (12) of the rising sloped surface (9) are evenly spaced apart from one another in a circumferential direction.

7. An insert unit according to claim 3, wherein the throughflow regulator (3) is provided with a central core area (7), which is surrounded by a circular throttle body (8), and between the throttle body (8) and the rising sloped surface (9) a control gap (10) is formed, having a throughflow cross-section being adjustable by the throttle body (8) deformed under varying pressure arising during the throughflow.